


QUICK-FITTING JOINTS FOR MOLD COOLING —SEPARATE PLUG • SOCKET—

—FOR HIGH TEMPERATURE TYPE (HEAT RESISTANT 120°C SERIES)—

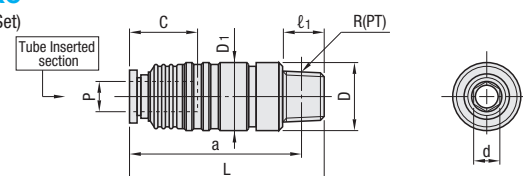
Ⓜ Non JIS material definition is listed on P.1359 - 1360

Set Products



RoHS

M-120AKC
(Straight Joint Set)




Ⓜ M-120AKC is a set product of M-120AKCP and M-AK. Can be attached/detached easily.

- Ⓜ Use in normal pressure 300kPa (3kgf/cm²) or lower.
- Ⓜ Keep water temperature under 120°C.
- Ⓜ Set the surge pressure (the pressure that acts instantaneously due to an impact flow) so that it does not exceed the maximum working pressure (300 kPa).
- Ⓜ Be sure to use an insert sleeve (P.1108) when using this socket.

Joint section Body: Brass (C3604)+Nickel plating
Release ring: Polyacetal resin (POM)

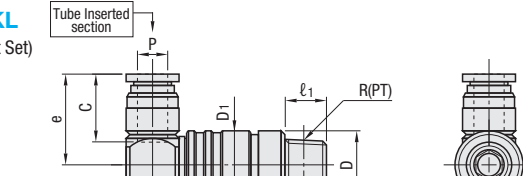
Socket screw Thread Brass (C3604)+Nickel plating
JIS B0203 tapered thread for tubing R(PT)
*Thread part is applied with heat resistant sealant.

Matching tubes Outer×Inner dia.	Tube inserting hole		D	D ₁	Hexagonal wrench socket ○ d	L	a	ℓ ₁	R(PT)	Components		Part Number		U/Price 1~19	
	Hole dia. P	Depth C								M-120AKCP	M-AK	Type	No.		
6×4	6	17	15	15	○ 5	44	40	8	1/8	08-6P	08-01S	08-601	Quotation		
					○ 6	45.5	39.5	11	1/4					08-02S	08-602
					○ 5	44.5	40.5	8	1/8						
○ 6	46	40			11	1/4	08-02S	08-802							
8×6	8	18.5			18	18			○ 5	49.5	45.5	8		1/8	10-8P
							○ 8	51.5	45	12	3/8	10-02S		10-802	
			○ 5	52			48	8	1/8	10-10P	10-01S		10-1001		
○ 8	54	47.5	12	3/8			10-02S	10-1002							
10×7.5	10	21	21	21					○ 5			61		57	8
							○ 8	63	56.5	12	3/8	10-02S	10-1202		
					○ 5	61	57	8	1/8	10-03S	10-1203				
○ 8	63	56.5			12	3/8	10-03S	10-1203							



RoHS

M-120AKL
(L-shaped Joint Set)




Ⓜ M-120AKL is a set product of M-120AKLP and M-AK. Can be attached/detached easily.


- Ⓜ Use in normal pressure 300kPa (3kgf/cm²) or lower.
- Ⓜ Keep water temperature under 120°C.
- Ⓜ Set the surge pressure (the pressure that acts instantaneously due to an impact flow) so that it does not exceed the maximum working pressure (300 kPa).
- Ⓜ Be sure to use an insert sleeve (P.1108) when using this socket.


Joint section Body: Brass (C3604)+Nickel plating
Release ring: Polyacetal resin (POM)

Socket screw Thread Brass (C3604)+Nickel plating
JIS B0203 tapered thread for tubing R(PT)
*Thread part is applied with heat resistant sealant.

Matching tubes Outer×Inner dia.	Tube inserting hole		D	D ₁	Hexagonal wrench socket ○ d	L	a	e	□ S	ℓ ₁	R(PT)	Components		Part Number		U/Price 1~19	
	Hole dia. P	Depth C										M-120AKLP	M-AK	Type	No.		
6×4	6	17	15	15	○ 5	37	39	22	12	8	1/8	08-6P	08-01S	Quotation			
					○ 6	38.5	38.5	11	1/4						08-02S	08-602	
					○ 5	38	41	8	1/8								08-8P
○ 6	39.5	40.5			11	1/4	08-02S	08-802									
8×6	8	18.5			18	18			○ 5	43.5	46.5	24	14		8	1/8	
							○ 8	45.5	46	12	3/8	10-02S	10-802				
			○ 5	45			49.5	28	17	10-10P	10-01S			10-1001			
○ 8	47	49	12	3/8			10-02S	10-1002									
10×7.5	10	21	21	21					○ 5			50.5	56.5		31	20	8
							○ 8	52.5	56	12	3/8	10-02S	10-1202				
					○ 5	50.5	56.5	31	20	10-03S	10-1203						
○ 8	52.5	56			12	3/8	10-03S	10-1203									

Order  **Part Number**
M-120AKC08-601
M-120AKL10-1001


Days to Ship  **1** Day
Ⓜ Delivery days depend on subsidiary. P.45

Price  **Quantity discount rate** P.45

Quantity	Rate
1~19	—
20~99	5%

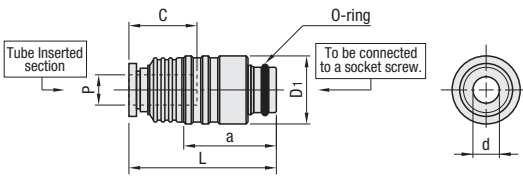
Ⓜ To be quoted on price & lead time above Max. Q'ty.

Components



RoHS


M-120AKCP
(Straight Joint Plug)



- Ⓜ Use in normal pressure 300kPa (3kgf/cm²) or lower.
- Ⓜ Keep water temperature under 120°C.
- Ⓜ Set the surge pressure (the pressure that acts instantaneously due to an impact flow) so that it does not exceed the maximum working pressure (300 kPa).
- Ⓜ Be sure to use an insert sleeve (P.1108) when using this socket.

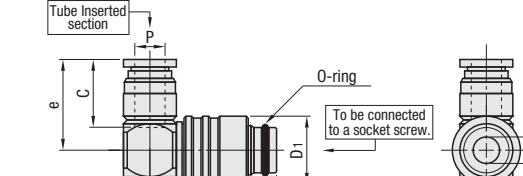
Ⓜ Body: Brass (C3604)+Nickel plating
Release ring: Polyacetal resin (POM)

Matching tubes Outer×Inner dia.	Tube inserting hole		D ₁	d	L	a	Part Number		U/Price 1~19
	Hole dia. P	Depth C					Type	No.	
6×4	6	17	15	4.8	34	19	M-120AKCP	Quotation	
									8×6
10×7.5	10	21		8.1	41.5				
						12×9			12



RoHS


M-120AKLP
(L-shaped Joint Plug)



- Ⓜ Use in normal pressure 300kPa (3kgf/cm²) or lower.
- Ⓜ Keep water temperature under 120°C.
- Ⓜ Set the surge pressure (the pressure that acts instantaneously due to an impact flow) so that it does not exceed the maximum working pressure (300 kPa).
- Ⓜ Be sure to use an insert sleeve (P.1108) when using this socket.

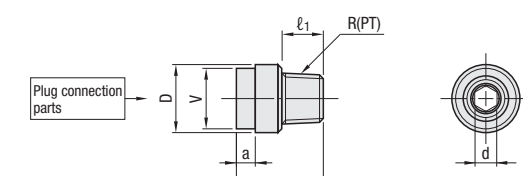
Ⓜ Body: Brass (C3604)+Nickel plating
Release ring: Polyacetal resin (POM)

Matching tubes Outer×Inner dia.	Tube inserting hole		D ₁	d	L	e	□ S	Part Number		U/Price 1~19
	Hole dia. P	Depth C						Type	No.	
6×4	6	17	15	4	27	22	12	M-120AKLP	Quotation	
										8×6
10×7.5	10	21		8.1	34.5	28				
							12×9			12



RoHS


M-AK
(Socket Screw)





- Ⓜ Use in normal pressure 300kPa (3kgf/cm²) or lower.
- Ⓜ Keep water temperature under 120°C.
- Ⓜ Set the surge pressure (the pressure that acts instantaneously due to an impact flow) so that it does not exceed the maximum working pressure (300 kPa).

Ⓜ Body: Brass (C3604)+Nickel plating
Thread JIS B0203 tapered thread for tubing R(PT)
*Thread part is applied with heat resistant sealant.

D	V	Hexagonal wrench socket ○ d	L	a	ℓ ₁	R(PT)	Part Number		U/Price 1~19			
							Type	No.				
15	13	○ 5	18.5	4.6	8	1/8	M-AK	Quotation				
									○ 6	20	11	1/4
18	15.5	○ 5	23	5.3	11	1/4						
							○ 6	20	11	1/4		
											○ 8	23

Order  **Part Number**
M-120AKCP08-6P
M-120AKLP10-8P
M-AK10-02S

Days to Ship  **1** Day
Ⓜ Delivery days depend on subsidiary. P.45

Price  **Quantity discount rate** P.45

Quantity	Rate
1~19	—
20~99	5%
100~199	10%

Ⓜ To be quoted on price & lead time above Max. Q'ty.

Cooling Components
Couplers
Quick Fitting Joints